

# APPARATUS REDUCING RADIATED EMISSION FROM ELECTRONIC MODULES

## Abstract

The present invention provides an electronic module assembly with reduced EMI noise emission. The electronic module assembly of the invention includes an electronic module component that emits EMI noise. The electronic module assembly has a first electric reference region and a second electric reference region that is in communication with electronic module component. An impedance component is positioned in series with the first reference region and the second reference region such that impedance component attenuates the first electromagnetic noise signal. The electronic module assembly further includes low pass filter component that is in electrical communication with electronic module component. The present invention also provides a method of reducing EMI noise emission.